

# Intensifying and Quick Moving Storm Today

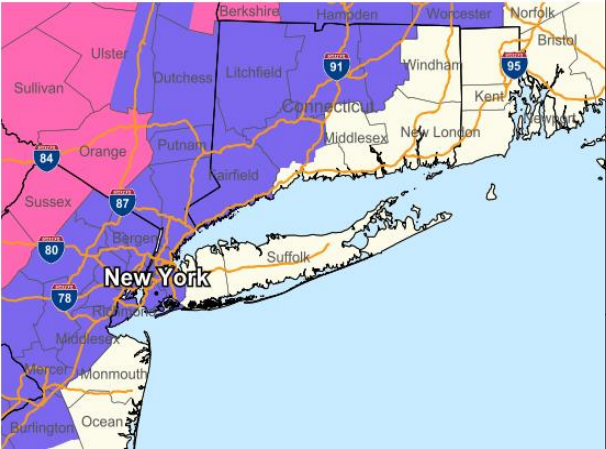


## OVERVIEW

- Low pressure rapidly intensifies as it tracks just east of Long Island by midday, and then into the Canadian Maritimes tonight.



## Winter Watches Warnings and Advisories



Graphic Created  
March 12th, 2022  
5:42 AM CST

### HAZARDS & IMPACTS

- **Timing:** Rain changes briefly to sleet, then to snow from west to east this morning into this afternoon. Transition begins 11am-12pm for NYC.
- **Total Snowfall and Impacts:**
  - Orange County (**Winter Storm Warning**): 4 to 7".
  - Remainder of the Lower Hudson Valley, interior SW CT, and interior NE NJ, and interior SW CT (**Winter Weather Advisory**): 3 to 5".
  - NYC/NJ metro (**Winter Weather Advisory**): 1 to 3".
  - Freezing of any standing water on roads possible by midday resulting in difficult travel conditions.
- **Snowfall Rates:** 1-2"/hr for Orange County and ½" to 1"/hr for the Advisory areas towards mid day and the early afternoon.
- **Gusty Winds:** NW winds gust up to 50 mph as the storm pulls away this afternoon into tonight.
- **Wind chills:** Mainly in the single digits by early Sunday morning.

### NWS ALERTS

- **Winter Storm Warning** – Orange County – until 7 pm
- **Winter Weather Advisory** – The Lower Hudson Valley, portions of northeast NJ and portions of western CT – 8 am to 7 pm. Portions of northeast NJ, NYC, southern Westchester and southern Fairfield – 9 am to 7 pm
- **Wind Advisory** – Entire Area – 11 am today to 4 am Sunday

### FORECAST CHALLENGES

- **Storm Track / Snow Amounts** - If low pressure moves further east then an earlier transition to snow could lead to higher totals across the entire area.
- **Falling Temperatures** – If temperatures fall quickly enough a larger portion of the area would be impacted by freezing road conditions which would lead to hazardous travel across a larger portion of the area.
- **Strong Winds** – How long strong winds will last into tonight.

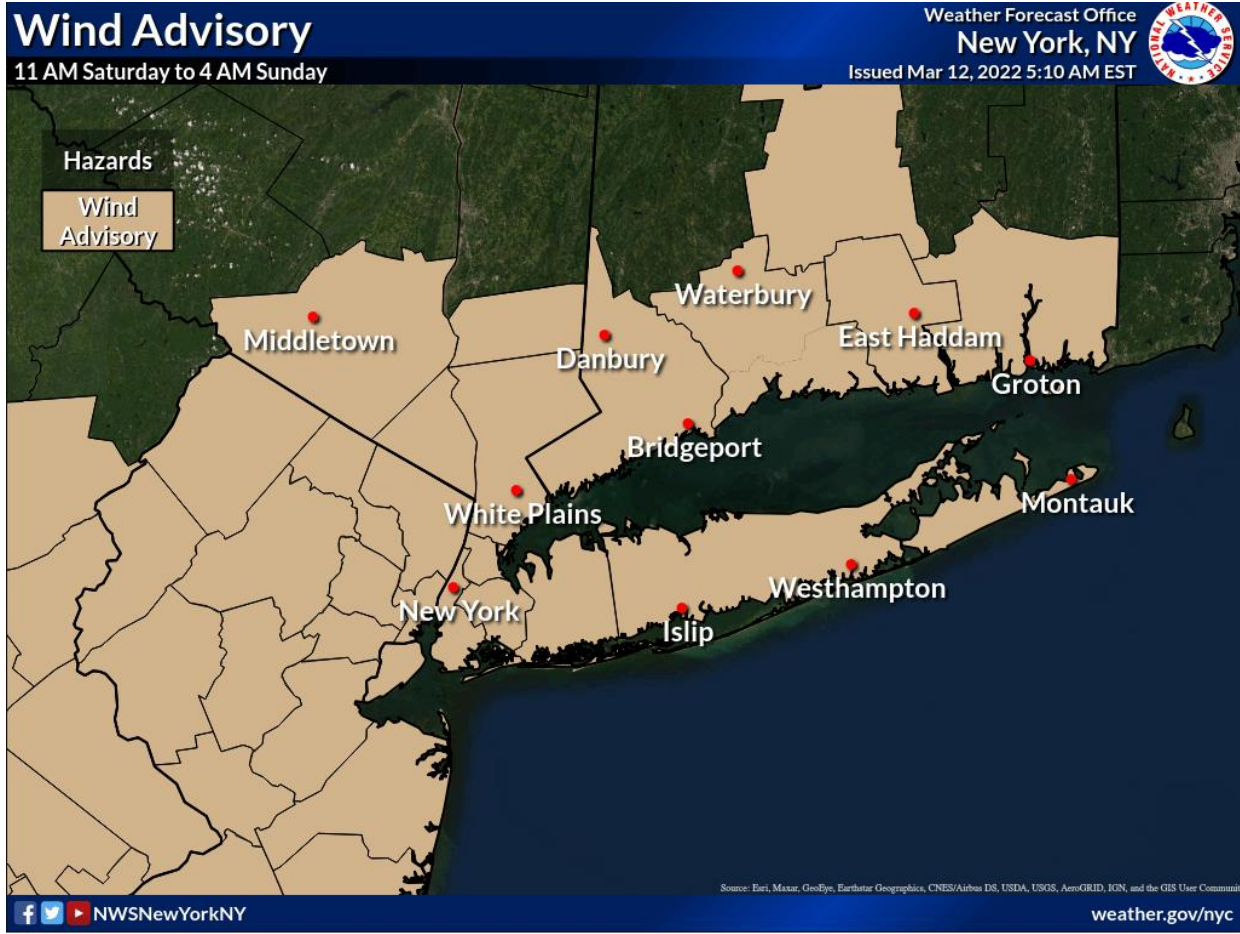
### NEXT BRIEF

- This is the final briefing for this event.

# Strong Gusty Winds



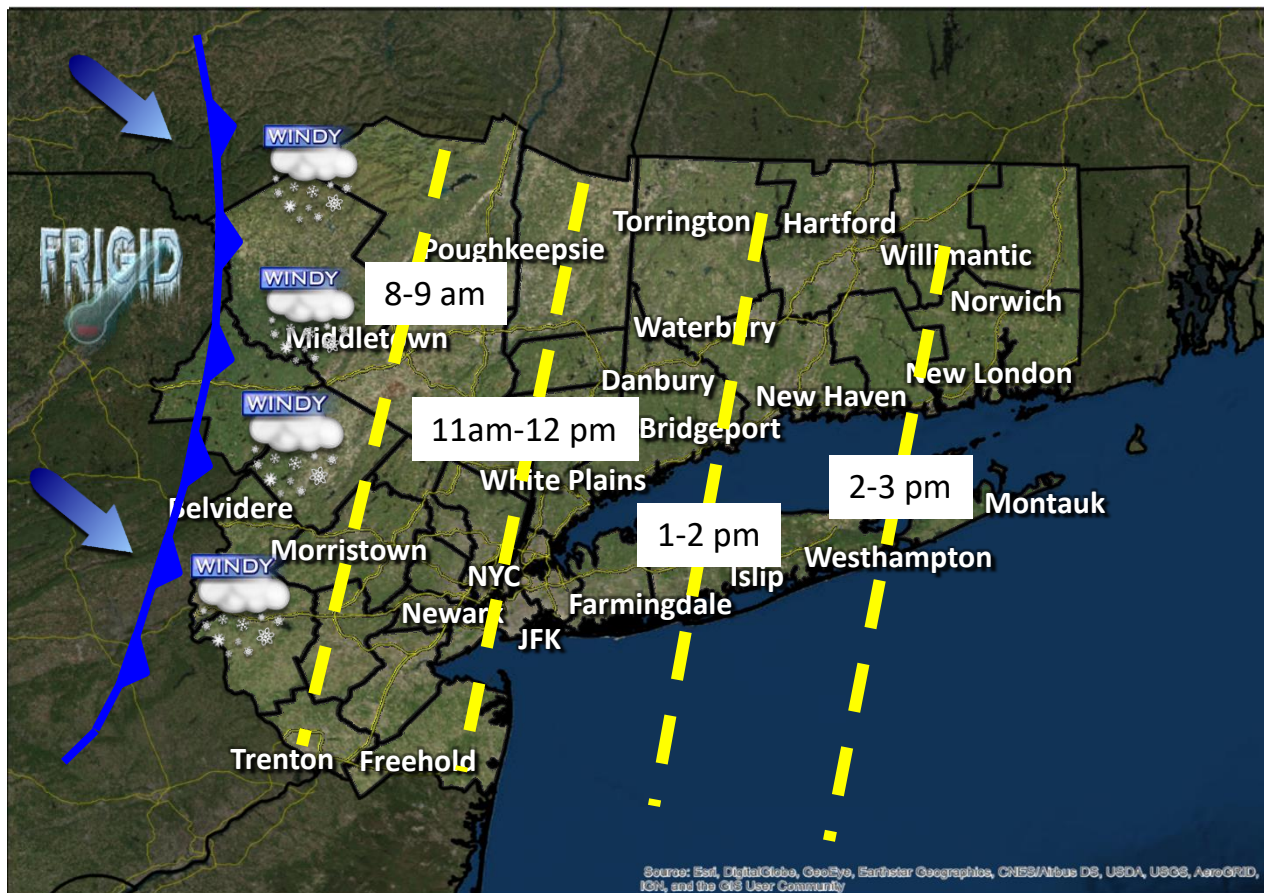
New York, NY  
WEATHER FORECAST OFFICE



# Changeover Timing: Rain to Sleet to Snow



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## Rain Changes to Sleet, then Quickly to Snow:

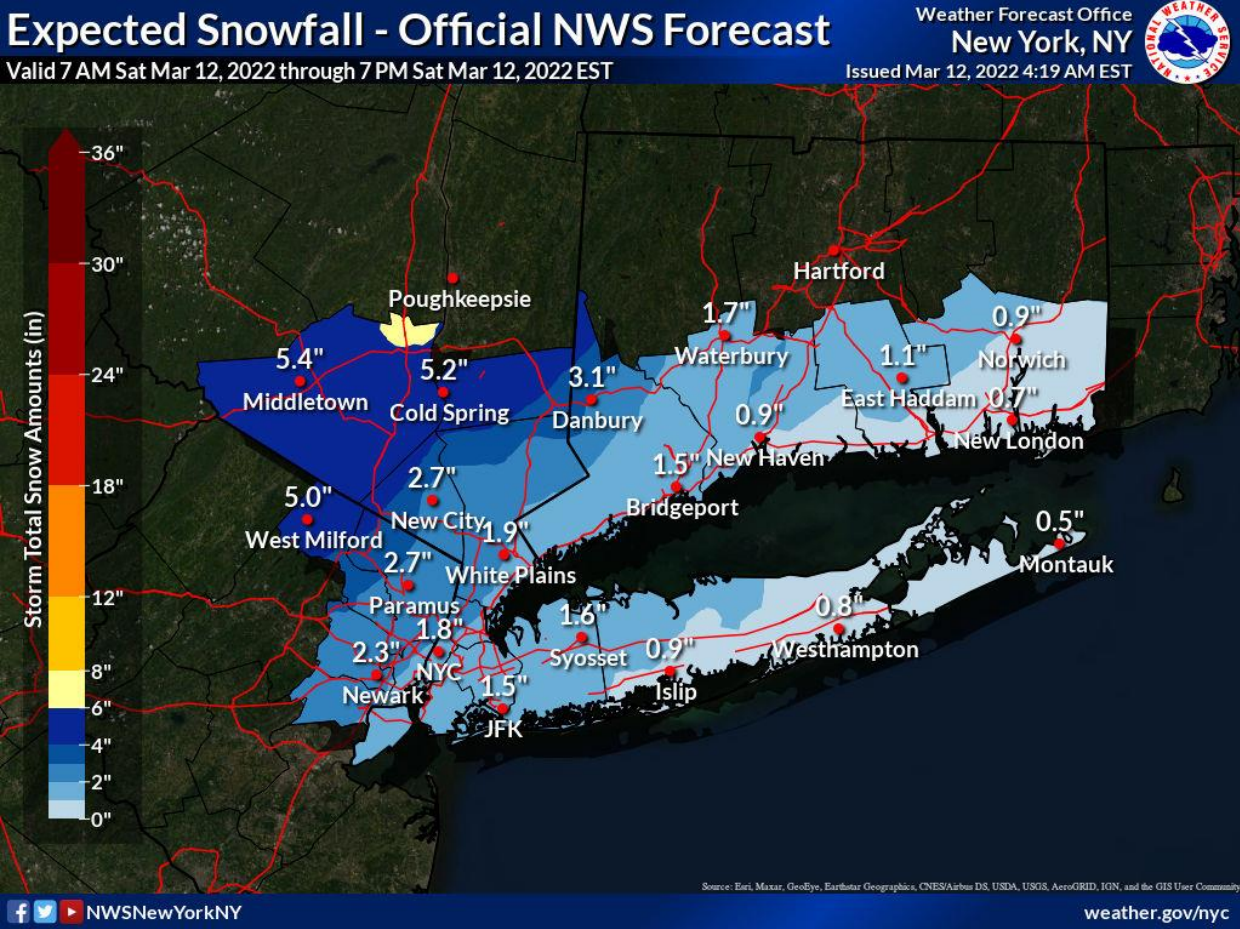
- ✓ The snow may be locally heavy immediately following the changeover.
- ✓ Winds will gust quickly behind the cold front.
- ✓ Difficult to locally dangerous travel due to falling temps, and snow covered and/or icy untreated roadways



# Most Likely Snowfall Accumulation – Official Forecast



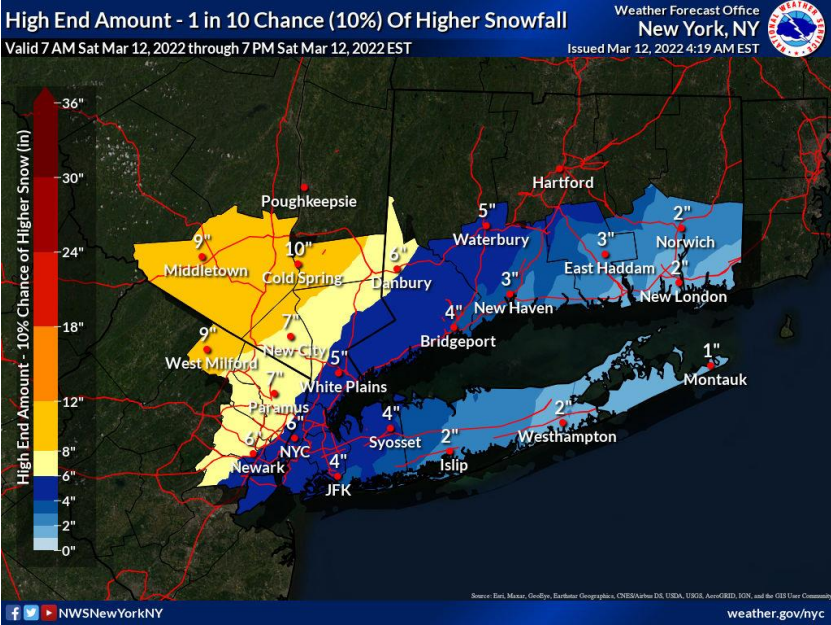
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# Probabilistic NWS New York Snowfall Forecasts

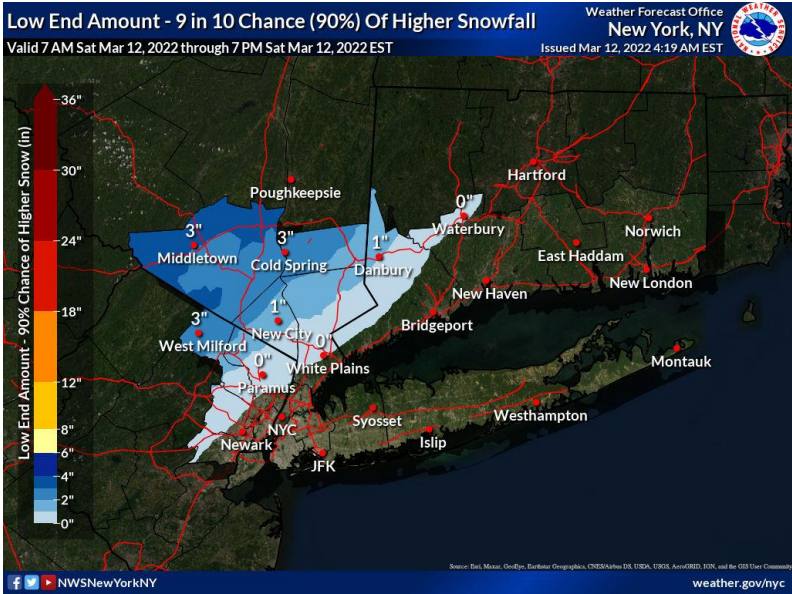


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WEATHER FORECAST OFFICE



Snow amounts could be close to these amounts if temperatures fall quickly enough before steady precipitation moves out of the area. A reasonable worst case scenario.

Expect at least this much snow

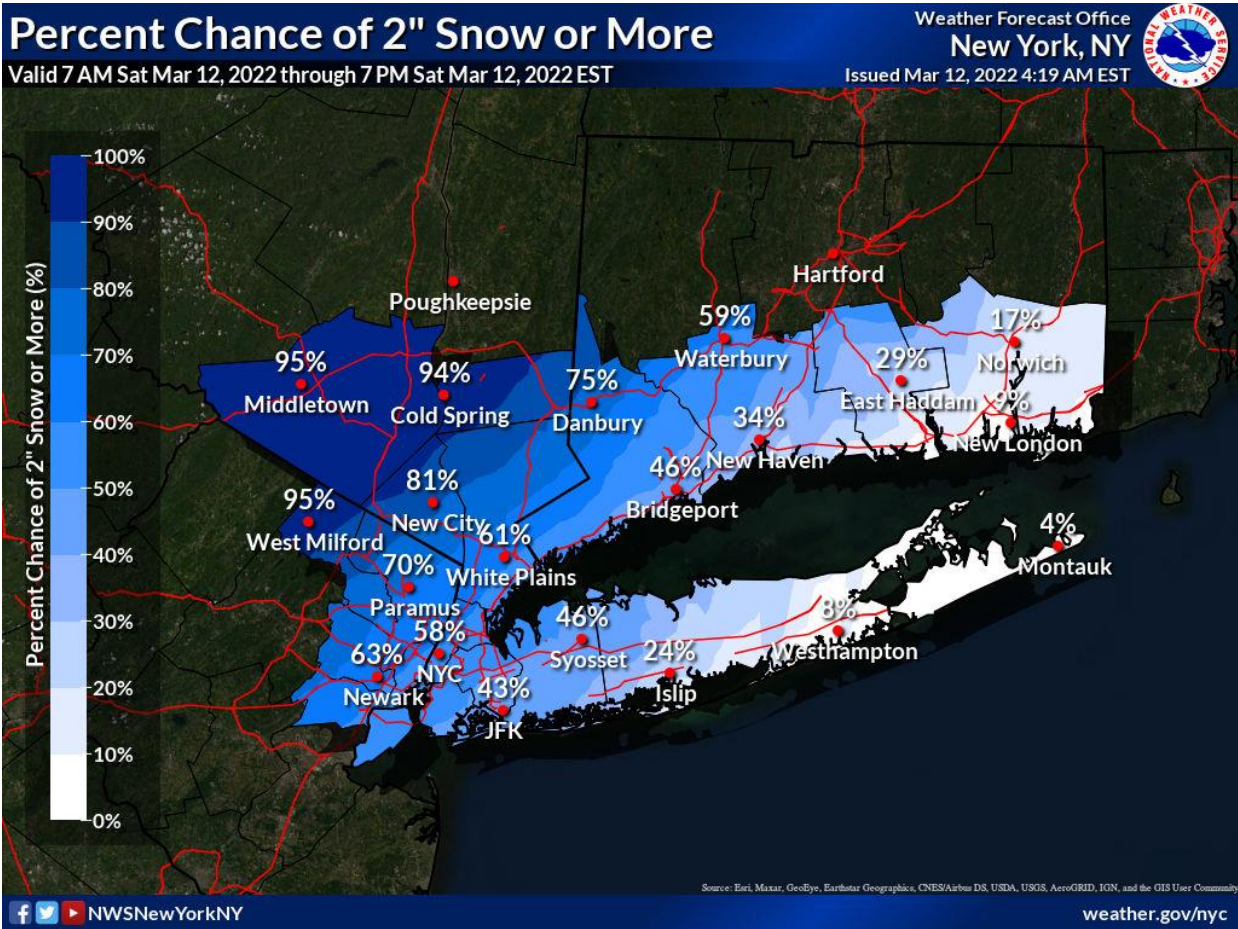




# Probability of 2" Snow or More for Today



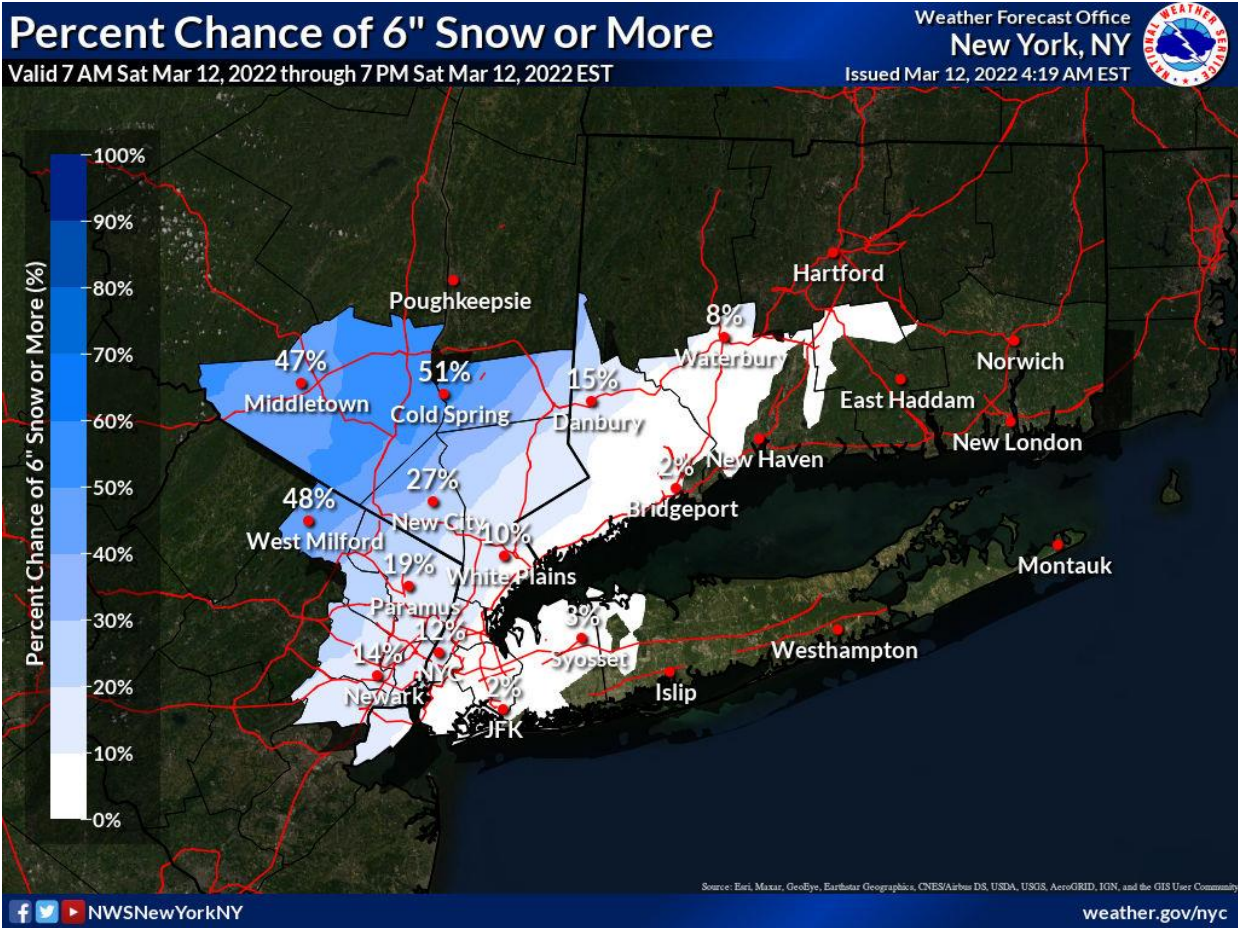
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# Probability of 6" Snow or More for Today



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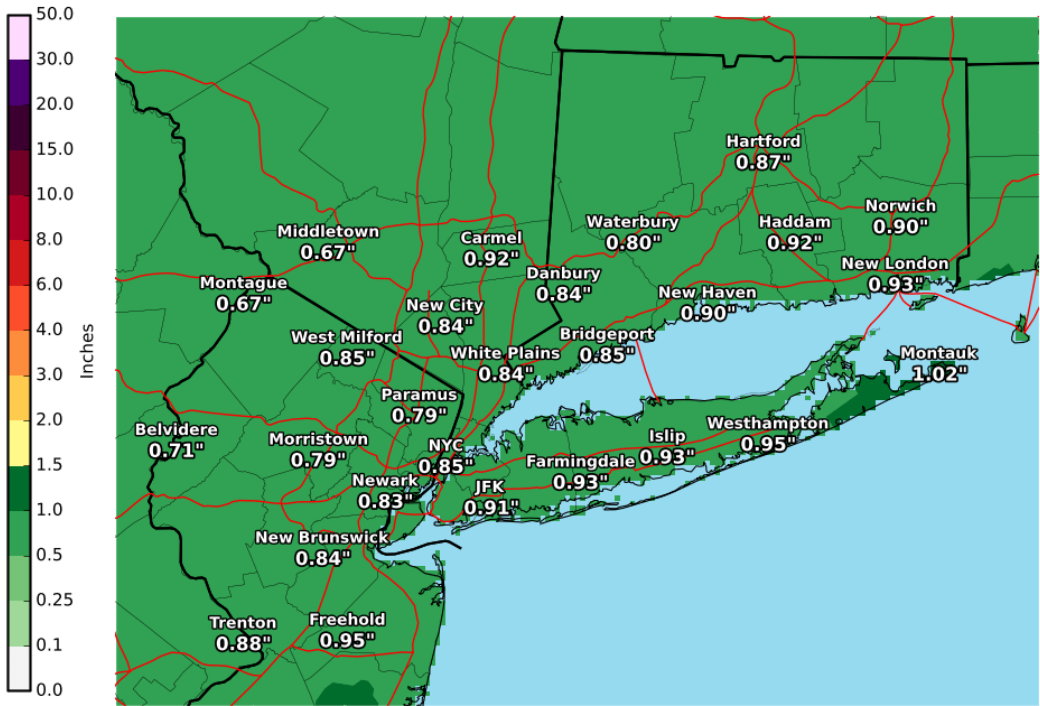
# Most Likely Rainfall (Liquid Equivalent) – Official Forecast



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## Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Valid: 03/12/2022 03:00 AM - 03/15/2022 04:00 PM EDT



National Weather Service  
New York NY  
03/12/2022 03:54 AM EST

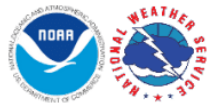
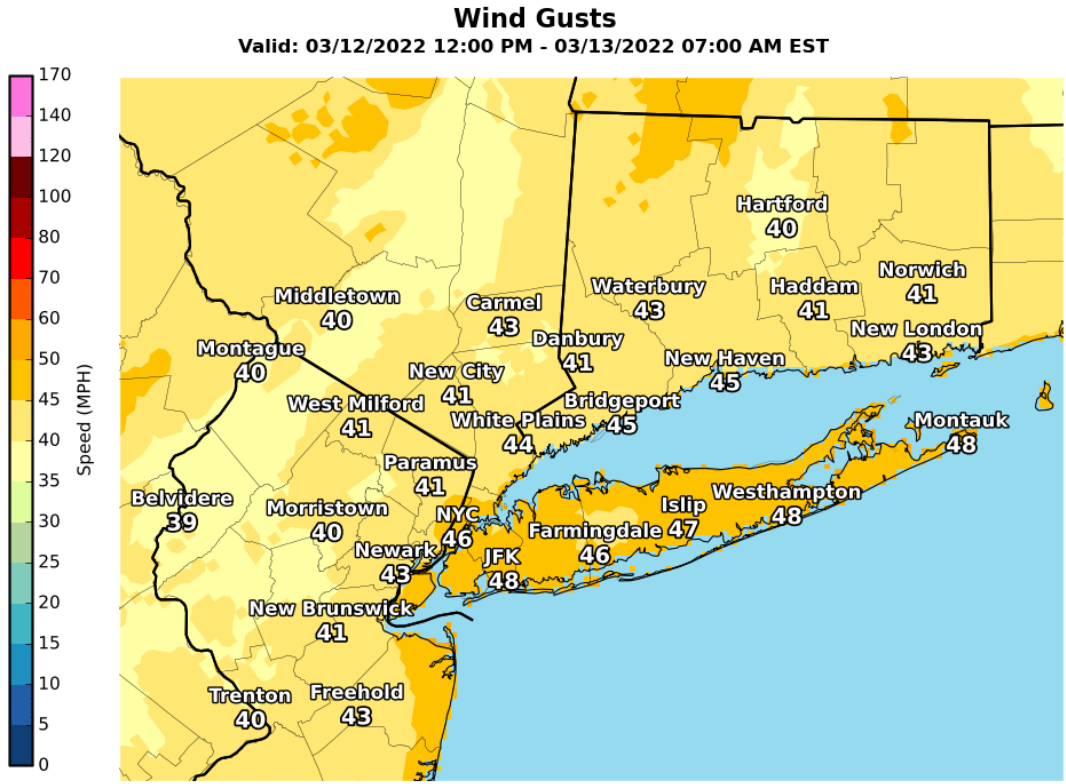
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# Maximum Wind Gusts – Late Afternoon and Tonight



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National Weather Service  
New York NY  
03/12/2022 05:19 AM EST

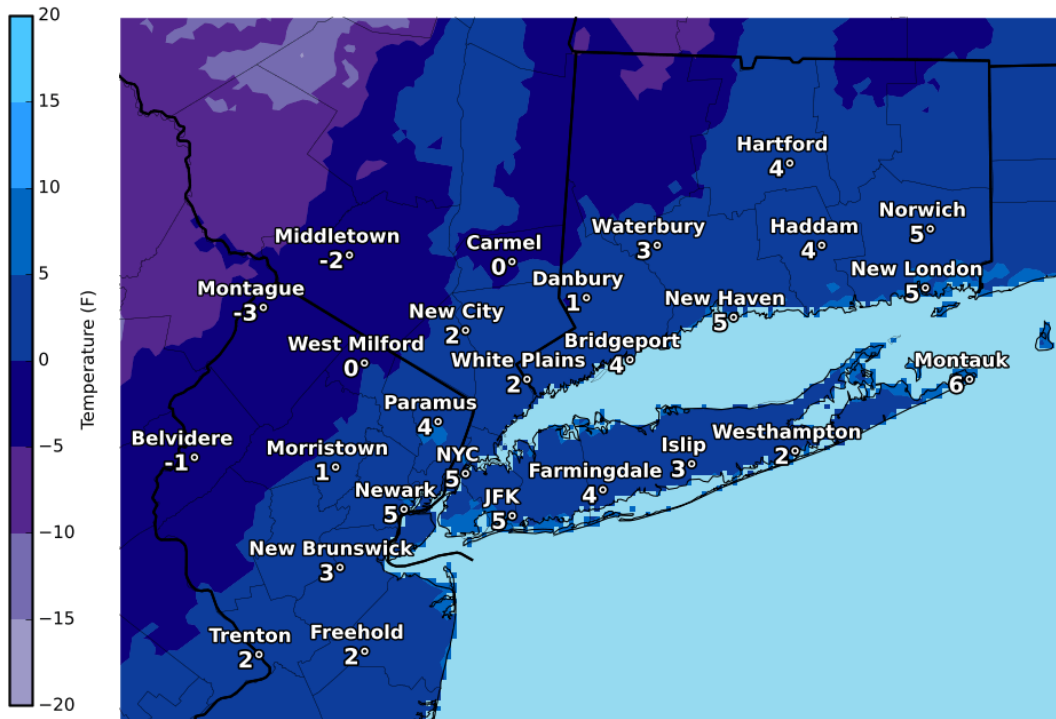
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# Minimum Wind Chill Forecast – Early Sunday Morning



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**Minimum Wind Chill Temperature**  
Valid: 03/12/2022 07:00 PM - 03/13/2022 09:00 AM EST



National Weather Service  
New York NY  
03/12/2022 05:34 AM EST

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